

September 22, 1980

Division File

Tom Powell - Southern Region

St. Clair County - General - Cahokia/Dead Creek

On Wednesday, September 17, 1980, this writer, along with Ken Mensing, were in Cahokia, Illinois to obtain soil samples from Dead Creek. We arrived at the site approximately 9:30 a.m. and gathered a total of twelve (12) samples from within the creek. The following is a listing of the sample points:

<u>Sample Number</u>	<u>Location</u>	<u>Depth of Sample</u>
1	25 feet south of Judith Lane	6 inches
2	125 feet north of Judith Lane but south of the affluence to the pond	Surface
3	125 feet north of Judith Lane but south of the affluence to the pond	12 inches deep
4	100 yards north of sample points #2 and #3	Surface
5	100 yards north of sample points #2 and #3	12 inches deep
6	100 yards north of sample points #4 and #5	Surface
7	100 yards north of sample points #4 and #5	9 inches deep *
8	100 yards north of sample points #6 and #7	Surface
9	100 yards north of sample points #6 and #7 (rubber like material)	9 inches deep
10	100 yards north of sample points #6 and #7 (clay-like material)	18 inches deep

* immediately above the gray layer that appeared to be clay.

September 22, 1980

- | | | |
|----|---|---------|
| 11 | 135 yards north of sample points #8, #9, and #10 - this sample was obtained within the ditch, adjacent to the southern edge of the metal structure (Waggoner's) upon the suspected dump area. | Surface |
| 12 | 5 yards west of sample point #11 next to the water in the ditch | Surface |

Besides these twelve samples, one other sample was obtained during our visit. This sample was taken 15 yards north of sample #12. The sample's physical characteristics are a sponge-like foam material, greyish-yellow in color with speckles throughout. The material was very resilient, in that it could be compacted, after which it would spring back into its original shape. No special analysis jar was provided for this sample. All samples obtained this day were transported back to the lab by Jim Kelty.

cc: Southern Region
Bill Child
Jim Kelty
Attorney General ✓

Note: It had rained on September 16, 1980, the day before we visited the site for sampling. The ground surface was damp with no blowing dust when we procured the samples.